Try our New Full-text Search Prototype GO

Help

1) Enter a single keyword, phrase, or Boolean expression. Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)

2) Limit your search by using search operators and field codes, if desired.

Example: optical <and> (fiber <or> fibre) <in> ti

3) Limit the results by selecting Search Options.

4) Click Search. See Search Examples

```
(smear <or> bloom* <or>
noise) <paragraph> edge
<paragraph> (road <or> line
<or> lane) <paragraph> imag*
```

Start Search Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> More

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) More

Search Options:

Select publication types:

- [x] IEEE Journals
- [x] IEE Journals
- [x] IEEE Conference proceedings
- [x] IEE Conference proceedings
- [x] IEEE Standards

Select years to search:

From year: All to Present

Organize search results by:

Sort by: Relevance

In: Descending order

List 15 Results per page

Your search matched **7** of **1108362** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enteri new one in the text box.

(smear <or> bloom* <or> noise) <paragraph> edge Search

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

---

1 **New range-based neighbourhood operator for extracting edge and texture information from mammograms for subsequent image segmentation and analysis**

Chandrasekhar, R.; Attikiouzel, Y.;

Science, Measurement and Technology, IEE Proceedings- , Volume: 147 , Issu 6 , Nov. 2000

Pages:408 - 413

[Abstract] [PDF Full-Text (908 KB)] **IEE JNL**

---

2 **A real-time multi face detection technique using positive-negative li of-face template**

Hori, Y.; Shimizu, K.; Nakamura, Y.; Kuroda, T.;

Pattern Recognition, 2004. ICPR 2004. Proceedings of the 17th International Conference on , Volume: 1 , 23-26 Aug. 2004

Pages:765 - 768 Vol.1

[Abstract] [PDF Full-Text (1147 KB)] **IEEE CNF**

---

3 **Range image segmentation with application to CAD model acquisitic**

Khalifa, I.; Moussa, M.; Kamel, M.;

Image Processing, 2000. Proceedings. 2000 International Conference on , Vol 2 , 10-13 Sept. 2000

Pages:740 - 743 vol.2

[Abstract] [PDF Full-Text (388 KB)] **IEEE CNF**

4 **Model-based lane recognition**

Takahashi, A.; Ninomiya, Y.;
Intelligent Vehicles Symposium, 1996., Proceedings of the 1996 IEEE , 19-20 1996
Pages:201 - 206

[Abstract] [PDF Full-Text (444 KB)] **IEEE CNF**

5 **Flexible filter neighbourhood designation**

Smith, S.M.;
Pattern Recognition, 1996., Proceedings of the 13th International Conference on , Volume: 1 , 25-29 Aug. 1996
Pages:206 - 212 vol.1

[Abstract] [PDF Full-Text (848 KB)] **IEEE CNF**

6 **Houghing the Hough: peak collection for detection of corners, junct and line intersections**

Barrett, W.A.; Petersen, K.D.;
Computer Vision and Pattern Recognition, 2001. CVPR 2001. Proceedings of t 2001 IEEE Computer Society Conference on , Volume: 2 , 8-14 Dec. 2001
Pages:II-302 - II-309 vol.2

[Abstract] [PDF Full-Text (1065 KB)] **IEEE CNF**

7 **Recognition of traffic signs using a multilayer neural network**

Si Wei Lu;
Electrical and Computer Engineering, 1994. Conference Proceedings. 1994 Canadian Conference on , 25-28 Sept. 1994
Pages:833 - 834 vol.2

[Abstract] [PDF Full-Text (60 KB)] **IEEE CNF**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	15	(smear near2 edge) same line	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:04
S2	1	(smear near2 edge) same road	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:10
S3	170	smear near2 edge	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:41
S4	10	(smear near2 edge) and road	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:14
S5	1	("5991427").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/10/26 15:15
S6	0	(smear near2 edge) and (("5991427").PN.)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:15
S7	170	(smear near2 edge) and edge	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:15
S8	1	(("5991427").PN.) and edge	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:39
S9	1	"09/987258"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:39
S10	1	"09/987258" and smear	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:39
S11	0	smear same edge same poition	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:42
S12	169	smear same edge same position	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:42
S13	1	(smear same edge same position) same road	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:42
S14	5	(smear same edge same position) same white	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:45
S15	4966	(smear blur obscure) same (edge boundary)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:54

S16	13	((smear blur obscure) same (edge boundary)) same road	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:53
S17	269	((smear blur obscure) same (edge boundary)) same detection	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:55
S18	1481	(smear blur obscure) near3 (edge boundary)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/26 15:54
S19	24	((smear blur obscure) near3 (edge boundary)) near4 detection	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 16:46
S20	8	smear same edge same white same line	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 16:45
S21	24	((smear blur obscure) near3 (edge boundary)) near4 detection	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 16:51
S22	186	edge same white same line same enhanc$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 16:52
S23	11	S22 same eliminat$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 16:52
S24	20429	detect$4 near1 edge	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 16:53
S25	51	S24 same (white near (lane line))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 16:54
S26	11	S25 same (filter$4 enhanc$4 eliminat$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 17:00
S27	1116	smear same edge	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 17:01
S28	74	S27 same eliminat$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 17:01
S29	2	S28 same white	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 17:02
S30	332	(382/104).CCLS.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/20 17:03
S31	18	S30 and (edge same enhanc$7)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 17:05

S32	222	(white near1 (lane line)) near2 detect$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 17:06
S33	46	S32 same edge	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/20 17:06
S34	51	sato near1 yoshihiro	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 14:30
S35	4	S34 and running	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 14:18
S36	0	S34 and smear	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 14:19
S37	0	running near1 path near1 detector near2 vehicle	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 14:19
S38	1	("5991427").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/21 14:39
S39	34280	edge same (smear$4 stain$4 smudg$4 obscur$4 blur$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 14:40
S40	5186	S39 same imag$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 14:41
S41	15	S40 same (white near1 (lane or line))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 14:59
S42	596	(382/266).CCLS.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/21 15:00
S43	15	S42 and (white near1 (line lane))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 15:02
S44	26425	(filter$4 remov$4 eliminat$4 delet$4) same (blure smear noise) same (road line lane)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 15:04
S45	26819	(filter$4 remov$4 eliminat$4 delet$4) same (blur smear noise) same (road line lane)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 15:04
S46	3600	S45 same imag$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 15:04
S47	686	S46 same edge	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 15:05

S48	105	S47 same position	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 15:05
S49	15	S48 same road	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/21 15:05
S50	55	(348/248).CCLS.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/01/05 14:07
S51	1314	(348/248,241,607).CCLS.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/01/05 14:03
S52	0	("2and(road(whitenear1(laneline)))").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/01/05 14:04
S53	23	S51 and (road(whitenear1(laneline)))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:04
S54	1	"09/987258"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:07
S55	1	S54 and previous$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:10
S56	383	(smear or bloom$4) same edge same white	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:10
S57	3	(smear or bloom$4) same edge same (white near1 (lane line))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:18
S58	27	(smear or bloom$4 or noise) same edge same (white near1 (lane line))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:48
S59	1	(smear or bloom$4 or noise) same edge same (white near1 (lane line)) same position same based	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:35
S60	7	(smear or bloom$4 or noise) same edge same (white near1 (lane line)) same position	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:35
S61	623497	previous or (first same second) same (white near1 line) same position	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:50
S62	39123	S61 same imag$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:50
S63	2424	S62 same edge$3	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:51

S64	318	S63 same (noise bloom$4 smear enhanc$5)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:51
S65	40	S64 same (remov$4 exclus$4 delet$4 eras$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:57
S66	2359	(smear bloom$4 noise) near2 edge	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:57
S67	3	S66 same (white near1 (line lane))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/05 14:58

First Hit

End of Result Set

L1: Entry 2 of 2 File: DWPI May 29, 1998

DERWENT-ACC-NO: 1998-366072
DERWENT-WEEK: 199832

TITLE: Vehicular running path detector used for automatic transit control, lane deviation warning of vehicle - rules out high intensity area from smear area of detection region based on detection result of smear area detection unit

PATENT-ASSIGNEE: NISSAN MOTOR CO LTD (NSMO)

PRIORITY-DATA: 1996JP-0317050 (November 13, 1996)

Search Selected | Search ALL | Clear

PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
☐	JP 10141921 A	May 29, 1998		006	G01B011/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 10141921A	November 13, 1996	1996JP-0317050	

INT-CL (IPC): G01 B 11/00; G01 C 21/00; G06 T 1/00; G06 T 7/00; G08 G 1/16

ABSTRACTED-PUB-NO: JP 10141921A
BASIC-ABSTRACT:

The detector has a camera (1) which takes photograph of the running path in which vehicle is in transit motion. A smear area detection unit is provided to detect the smear area from the photographed image of running path. A running-path detection unit (7) rules out high-intensity area found in smear area from the detection region based on detection result of smear area detection unit.

ADVANTAGE - Excels in detection accuracy of running path of vehicle. Provides exact smear positional information. Offers simple structure.

ABSTRACTED-PUB-NO: JP 10141921A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/6

DERWENT-CLASS: S02 T01 T07 X22
EPI-CODES: S02-A03B; S02-B08; T01-J06B; T01-J10B2; T07-A03C1; T07-D; T07-E; X22-E13; X22-X06G;